

Publication number:	DE19800653 (A1)	Also published as:
Publication date:	1999-07-15	EP1056904 (A2)
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Classification:		CA2317528 (A1)
- International:	<i>B04B1/00; D21D5/22; B04B1/00; D21D5/00; (IPC1-7): D21D5/22; B04B1/00; B04B7/08; B04B9/12; B04B11/02; B04B15/06</i>	DE19537567 (A1)
- European:	B04B1/00; D21D5/22	DE3409068 (A1)
Application number:	DE19981000653 19980109	DE8331079U (U1)
Priority number(s):	DE19981000653 19980109	US3791575 (A)
		WO9200810 (A1)
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Abstract of DE 19800653 (A1)

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The invention relates to a solid bowl centrifuge (1) for multiphase mixtures, preferably three-phase mixtures, which is especially meant for fibrous material suspensions used in the paper industry. The solid bowl centrifuge (1) has a housing (2) and a rotor (7) which is provided for separating the multiphase mixture into a light, middle and heavy fraction. At least one orifice (41) situated in the bowl of the rotor (7) is provided for conveying the heavy fraction out. A conveying device (51) is arranged in a chamber (43) between the outer wall (24) of the rotor (7) and the housing (2). Said conveying device conveys a blocking medium into the chamber (43) with at least the pressure prevailing there and in a direction of at least one orifice (41) provided for the heavy fraction.